

**METHOD AND APPARATUS FOR CORRELATING
UPS CAPACITY TO SYSTEM POWER REQUIREMENTS**

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses that automatically determine the capabilities of UPS devices. Systems automatically determine whether a UPS device is capable of protecting system resources by comparing the UPS capabilities against system requirements. Such systems can use that determination to approximate how long a UPS device can reliably supply power. Systems having multiple UPS devices can be implemented such that the connections of the UPS devices to system resources are automatically determined, the load on each UPS device can be found, the capabilities of the UPS devices can be obtained, a comparison between UPS load and UPS capabilities can be made, and a warning of problems can be sent. Using UPS capability and load information a system can provide for a controlled shutdown of system resources.